

FISH STREAM SURVEY

DATE:

CAMP Marguerita

UNIT

#5 (Indian Pt Sale)

STREAM CATALOGUE # (101-90-43 ?)

ROAD

QUAD MAP

Ket C-6

T

71S

R

89E

SECT

36

CHICK MAP

1 of 8

T

R

SECT

11

SPECIES PRESENT

Cutthroat Trout

STAGE OF DEVELOPMENT

juvenile - 2.5"

TYPE OF FISH HABITAT

SALMON BEARING

EXCELLENT

GOOD

FAIR

SO YES

SALMON SPAWNING

EXCELLENT

GOOD

FAIR

SO YES

RESIDENT BEARING

EXCELLENT

GOOD

FAIR

SO YES

RESIDENT SPAWNING

EXCELLENT

GOOD

FAIR

SO YES

IS FUTURE FISH HABITAT ENHANCEMENT POSSIBLE?

YES

NO

IF SO DESCRIBE:

FISH PRESENT ABOVE ROAD CROSSING:

YES

NO

BELOW ROAD CROSSING:

WITHIN UNIT BOUNDARY:

BELOW UNIT BOUNDARY:

FISH STREAM(S) INTERSECTION(S) MARKED WITH METAL TAGS: ROAD ☒ UNIT ☐

FISH STREAM(S) FLAGGED: BLUE/WHITE ☐ ORANGE/WHITE ☒

FISH STREAMS TRAVERSED: YES ☐ NO ☒

TRAVERSE NOTES ATTACHED: YES ☐ NO ☒

IS ADDITIONAL PARAMETER INFORMATION NECESSARY? YES ☐ NO ☒

IF SO DESCRIBE:

STREAM TEMP.:

METHODS USED TO DETERMINE PRESENCE OF FISH:

STREAM #	DATE	#FISH	SPECIES	LENGTH	GEAR	TIME
II	9-14	3	CT	2-6"	Electroshocker	5min
	9-14	5	CT	3-6"		
I	9-28	12	CT	2-5"	" "	15min
I (mouth)	10/19	0	-	-	" "	5min

PERTINENT WILDLIFE INFORMATION:

COMMENTS:

SURVEY CREW MEMBERS:

Ron Olson

SIGNATURE

Ron Olson

DATE

10-19-81

REPORT REVIEWED BY:

SIGNATURE

TITLE

DATE

RECOMMENDATIONS:

(see attached prescriptions)

Resident "non-sports" fish spawning and rearing streams
(Orange/White Ribbon)

ROAD # 3376 E

STREAM(S)# 142

The following fish stream protection prescriptions and recommendations apply:

ROAD CONSTRUCTION

- ☒ 1. Only 1 equipment crossing at each crossing site.
- ☒ 2. Absolutely no barrow pits in stream course.
- ☒ 3. Fish passage required during and after road building activities.
- ☒ 4. Culvert installation concurrent with rocking.
- ☐ 5. Time road construction to minimize adverse impact to salmonid redds and preemergent fry. (Optimum time: approximately April 15 to August 15).
- ☒ 6. Ditching and/or alteration of stream course must be approved by the Forest Supervisor.
- ☒ 7. C.M.P. and/or wooden puncheon culverts required for fish stream crossings. Three log culverts are not authorized.
- ☒ 8. End haul when necessary to prevent side cast from entering stream course.
- ☒ 9. If road is "put to bed" previous integrity of the stream course in terms of gradient and stream bed must be restored.
- ☒ 10. Water bars are necessary on long inclines.
- ☒ 11. Recommendations for timber harvest also apply in terms of right of way timber. (See timber harvest - resident).
- ☒ 12. Blasting not recommended for bridge or culvert removal.
- ☒ 13. Oil and fuel storage should avoid proximity to any stream.

Additional Comments:

Resident "non-sports" spawning and rearing habitat
(Orange/White Ribbon)

UNIT # 5

STREAM(S)# 1 & 2

The following fish stream protection prescriptions and recommendations apply:

TIMBER HARVEST

- ☒ 1. Directional falling of timber away from stream course if practical. If not - fall timber to bridge stream if possible.
- ☒ 2. Yard same season as timber is felled.
- ☒ 3. "Chunk clean" (removal of all debris with a 3" d.b.h., 6 Ft. in length and larger from stream course) concurrent with yarding.

Additional Comments:

2v(3)

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Ketchikan Ranger District
P.O. Box 6137
Ketchikan, AK 99901
907/225-2148

101-90-43

REPLY TO: 2510 River Surveys

SUBJECT: Indian Point Sale
Stream Protection Summary

TO: Bryce Rickel
Fisheries Biologist



September 28, 1981

Unit #5

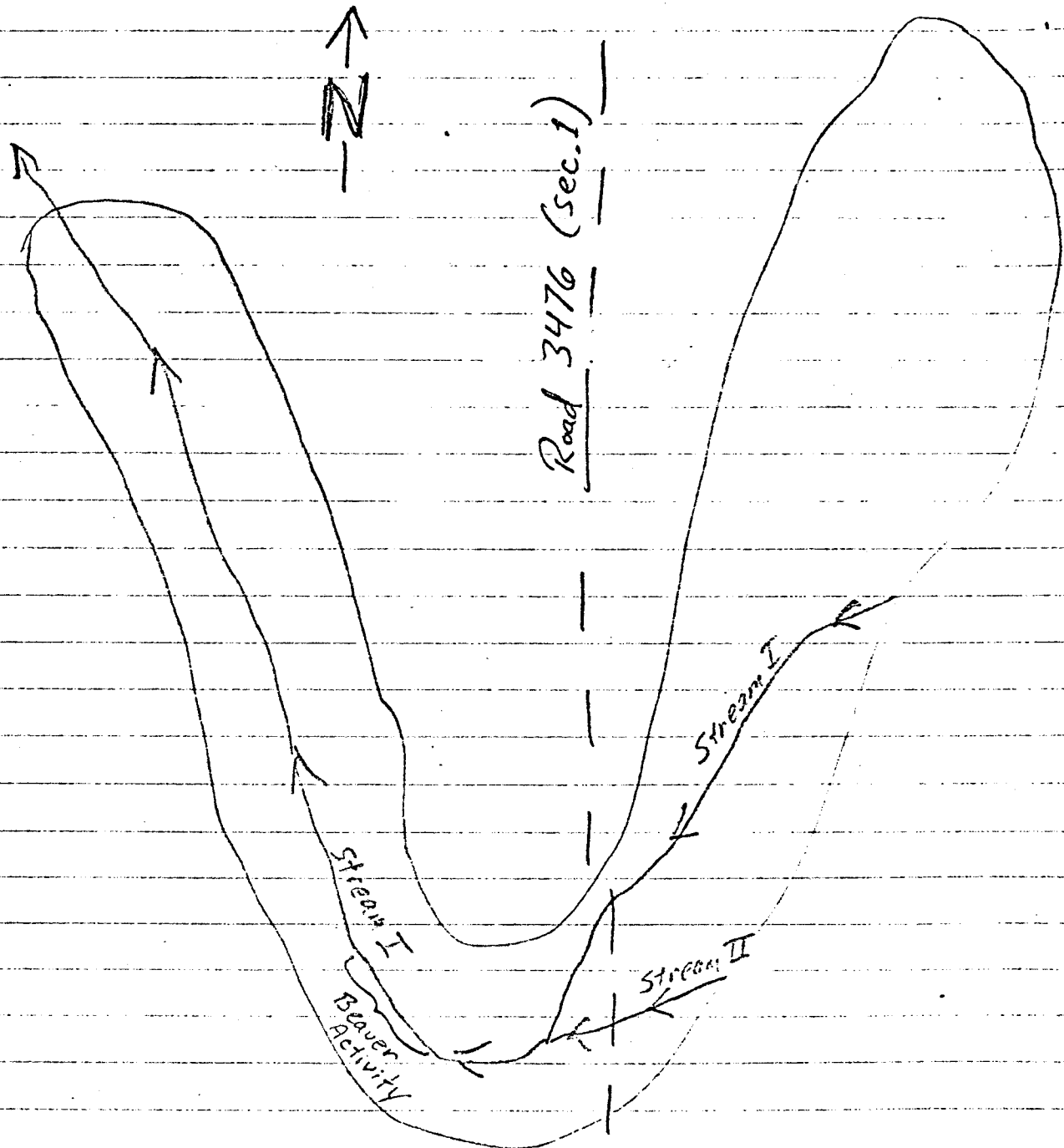
This unit contains 2 streams that support non-sport Cutthroat Trout (see map). Stream #II is a small stream averaging 2-4' in width, 6"-1' in depth with pools to 2' deep. It flows in a slow meandering manner and provides excellent rearing habitat. There is much blow-down and debris across the channel, and the banks are mostly undercut. The bottom consists mostly of silt and sand. Cutthroat Trout 2-6" were shocked. It intersects spec road 3476 sec.1 at P120 & 83, where it was tagged. It flows into stream #I @ 100' from the spec road intersection.

Stream #I flows through most of the unit. It averages 7-12' in width, 6"-1' in depth with pools to 2'. Some blowdown and debris lie across the channel, beaver activity was found in one section, and the banks are frequently undercut. The bottom substrate contained equal portions of sand and silt, small gravel, medium gravel, and 3-8" cobble. Cutthroat Trout, 2-5" in length were shocked. The mouth of the stream, which lies outside the unit boundary, was also shocked. No fish were found in the @50 M that were shocked, and this mouth section was mostly composed of low cascades.

Both streams were flagged orange/white. All stream/road intersections were flagged and tagged for fish passage.

RON OLSON
Fisheries Technician

Unit 5



All locations
and outlines approximate

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Ketchikan Ranger District

P.O. Box 6137

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907/225-2148

101-90-41

REPLY TO: 2510 River Surveys

SUBJECT: Indian Point Sale
Stream Protection Summary

TO: Bryce Rickel
Fisheries Biologist



October 19, 1981

Units #2,3, & 4

These units contain no fish streams. One stream of a permanently flowing nature runs just outside the west boundary of Units 2 & 4. Unit 2 is downstream from Unit 4. Electro-shocking revealed no fish in the stream for the entire length of Unit 2. Because of the lack of fish and the small size of this stream no stream protection prescriptions are deemed necessary.

Stream may be ADF46 = 101-90-41

RON OLSON
Fisheries Technician